

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of Joseph E. Paganessi et al.

Serial No.: Not Yet Assigned

Filed: Herewith

For: Generation of Acetylene for On-Site Use in Carburization and Other Processes

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Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

**INFORMATION DISCLOSURE STATEMENT  
UNDER 37 C.F.R. §1.97(b)**

Pursuant to the duty imposed by 37 C.F.R. §1.56 to disclose information which may be material to the patentability of the above-identified patent application, the Applicant(s) would like to direct the Examiner's attention to the documents listed on the enclosed Information Disclosure Citation Form (PTO/SB/08). In accordance with this duty of disclosure, Applicant(s) hereby submits the following information in conformance with 37 C.F.R. §§1.97 and 1.98.

- ☐ Pursuant to 37 C.F.R. §1.98, a copy of the foreign patent document cited in the attached Form PTO/SB/08 is enclosed.
- ☒ The subject Information Disclosure Statement is being filed without copies of the listed U.S. Patents and/or U.S. patent application publications pursuant to the waiver of the requirement under 37 C.F.R. §1.98(a)(2)(i) for applications filed after June 30, 2003. Copies of the listed foreign patent documents and/or non-patent literature are enclosed herewith.
- ☐ No copies of the publications listed on the attached Form PTO/SB/08A are being provided pursuant to 37 C.F.R. §1.98(d) because the publications were previously cited by or submitted to the Office in prior Application Serial No. \_\_\_\_\_ to which the above-identified application claims priority under 35 U.S.C. §120.
- ☐ Publication(s) \_\_\_\_\_ listed on the attached Form PTO/SB/08A were cited in a foreign search or examination report corresponding to \_\_\_\_\_ application serial no. \_\_\_\_\_ and mailed on \_\_\_\_\_.

- ☐ Enclosed is a copy of a non-English publication(s) \_\_\_\_\_. Pursuant to §609 of the M.P.E.P., Applicant submits the attached foreign search or examination report, which cites such non-English language publication(s).
- ☐ Enclosed is a copy of a non-English publication(s) \_\_\_\_\_. English language publication \_\_\_\_\_ (copy enclosed) claims priority from this non-English publication.
- ☐ Enclosed is an explanation of non-English publication(s) \_\_\_\_\_ for which an English translation is not available.
- ☐ Enclosed is an English translation of non-English publication(s) \_\_\_\_\_ cited in the attached Form PTO/SB/08A.
- ☐ Enclosed is a copy of pending patent Application Serial No. \_\_\_\_\_.

This Information Disclosure Statement is filed within any one of the following time periods:


- ☒ within three months from the filing date of this national application other than a CPA under 37 C.F.R. § 1.53(d);
- ☐ within three months from the date of entry of the national stage as set forth in 37 C.F.R. §1.491 in this international application;
- ☐ before the mailing date of a first office action on the merits; or
- ☐ before the mailing of a first office action after the filing of a request for continued examination under 37 C.F.R. § 1.114.

It is respectfully requested that the Examiner consider the above-noted information and return an initialed copy of the attached Form PTO/SB/08A to the undersigned.

Dated: March 31, 2004

Respectfully submitted by  
**EDELL, SHAPIRO & FINNAN, LLC**

By:

  
\_\_\_\_\_  
Andrew J. Aldag  
Reg. No. 40,483

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PTO/SB/08A (08-00)

Substitute for form 1449A/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(use as many sheets as necessary)</i>				<b>Complete if Known</b>	
				<b>Application Number</b>	Not Yet Assigned
				<b>Filing Date</b>	Herewith
				<b>First Named Inventor</b>	Joseph E. Paganessi et al.
				<b>Group Art Unit</b>	Not Yet Assigned
				<b>Examiner Name</b>	Not Yet Assigned
Sheet	1	of	2	<b>Attorney Docket Number</b>	S-6390

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY
		Number	Kind Code <sup>2</sup> (if known)		
		2002/0179187	A1	Ebihara et al.	12/05/02
		2003/0113186	A1	Hiramoto	06/19/03
		3,384,467		Ammann et al.	05/21/68
		3,554,715		Bruning et al.	01/12/71
		3,992,277		Trieschmann et al.	11/16/76
		4,010,089		Stowell et al.	03/01/77
		4,010,090		Fey et al.	03/01/77
		4,105,888		Fey	08/08/78
		4,190,636		Schmerling et al.	02/26/80
		4,201,600		Luiten et al.	05/06/80
		4,358,629		Kim	11/09/82
		4,378,232		Peuckert et al.	03/29/83
		4,487,683		Bozzuto	12/11/84
		4,881,982		Edenhofer et al.	11/21/89
		5,702,540		Kubota	12/30/97
		5,722,825		Edenhofer	03/03/98
		5,851,314		Gräfen et al.	12/22/98
		6,101,719		Kiuchi et al.	08/15/00
		5,258,179	B1	Takayama et al.	07/10/01

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY
		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)		

<b>Examiner Signature</b>		<b>Date Considered</b>	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number.

<sup>2</sup> See attached Kinds of U.S. Patent Documents.

<sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3).

<sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

<sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible.

<sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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PTO/SB/08A (08-00)

Substitute for form 1449B/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(use as many sheets as necessary)</i>				<b>Complete if Known</b>	
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				<b>Examiner Name</b>	Not Yet Assigned
<b>Sheet</b>	2	of	2	<b>Attorney Docket Number</b>	S-6390

OTHER DOCUMENTS – NON PATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>	
		J.R. Davis, Chapter 3: Vacuum and Plasma Carburizing, Surface Hardening: Understanding the Basics, ASM International, pp. 91-114, 2002.		
		Ipsen International, Inc., An Update on Low Pressure Carburizing Techniques and Experiences, 16 pages, Cherry Valley, IL.		

<b>Examiner Signature</b>		<b>Date Considered</b>	
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